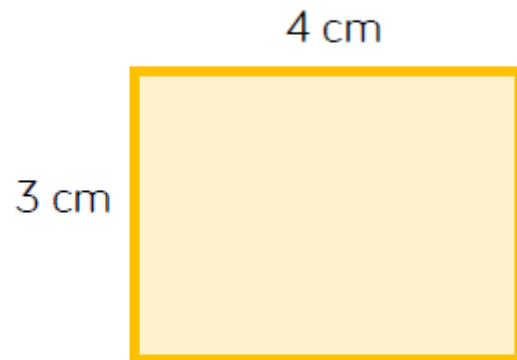# Reasoning

Amir is measuring the shape below.
He thinks the perimeter is 7 cm.

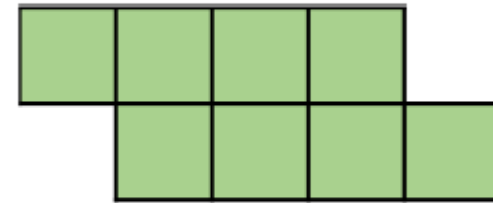Can you spot his mistake?

4 cm

3 cm

Whitney is measuring the perimeter of a square.
She says she only needs to measure one side of the square.

Do you agree?
Explain your answer.

Here is a shape made from centimetre squares.
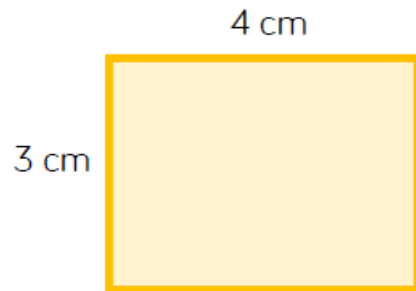
Find the perimeter of the shape.

Can you use 8 centimetre squares to make different shapes?

Find the perimeter of each one.

Answers

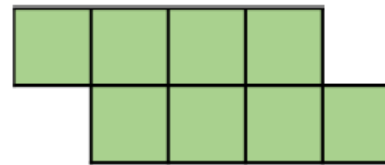Amir is measuring the shape below.
He thinks the perimeter is 7 cm.

Can you spot his mistake?

4 cm

3 cm

Amir has only included two of the sides. To find the perimeter he needs all 4 sides. It should be 14 cm.

Here is a shape made from centimetre squares.

Find the perimeter of the shape.

The perimeter is 14 cm.

Whitney is measuring the perimeter of a square.
She says she only needs to measure one side of the square.

Do you agree?
Explain your answer.

Whitney is correct because all four sides of a square are equal in length so if she measures one side she can multiply it by 4

Can you use 8 centimetre squares to make different shapes?

Find the perimeter of each one.

There are various different answers depending on the shape made.